

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. Contract ID Code Firm-Fixed-Price		Page 1 Of 5	
2. Amendment/Modification No. 13		3. Effective Date 2003NOV06		4. Requisition/Purchase Req No. SEE SCHEDULE		5. Project No. (If applicable)	
6. Issued By TACOM WARREN BLDG 231 SFAE-GCS-W-BCTP JOE CLAYTON (586)753-2084 WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL EMAIL: CLAYTONJ@TACOM.ARMY.MIL		Code W56HZV		7. Administered By (If other than Item 6) DCMA DETROIT U.S. ARMY TANK & AUTOMOTIVE COMMAND (TACOM) ATTN: DCMAE-GJD WARREN, MI 48397-5000		Code S2305A	
				SCD A PAS NONE ADP PT SC1012			
8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code) GM GDLS DEFENSE GROUP LLC, JOINT VENTURE 14920 TWENTY-THREE MILE ROAD SHELBY TOWNSHIP, MI. 48315 TYPE BUSINESS: Large Business Performing in U.S.				<input type="checkbox"/>		9A. Amendment Of Solicitation No.	
				<input type="checkbox"/>		9B. Dated (See Item 11)	
				<input checked="" type="checkbox"/>		10A. Modification Of Contract/Order No. DAAE07-00-D-M051/0019	
				<input type="checkbox"/>		10B. Dated (See Item 13) 2003MAR18	
Code INLE2		Facility Code					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendments: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. Accounting And Appropriation Data (If required) ACRN: AA NET INCREASE: \$2,006,734.00							
13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS							
KIND MOD CODE: B It Modifies The Contract/Order No. As Described In Item 14.							
<input type="checkbox"/> A. This Change Order is Issued Pursuant To: The Contract/Order No. In Item 10A. The Changes Set Forth In Item 14 Are Made In							
<input checked="" type="checkbox"/> B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).							
<input type="checkbox"/> C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of:							
<input type="checkbox"/> D. Other (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return _____ copies to the Issuing Office.							
14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) SEE SECOND PAGE FOR DESCRIPTION							
15A. Name And Title Of Signer (Type or print)				16A. Name And Title Of Contracting Officer (Type or print) SANDRA E. MCCARROLL MCCARROS@TACOM.ARMY.MIL (586)753-2072			
15B. Contractor/Offeror _____ (Signature of person authorized to sign)		15C. Date Signed		16B. United States Of America By _____ /SIGNED/ (Signature of Contracting Officer)		16C. Date Signed 2003NOV06	
NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE				30-105-02		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243	

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-00-D-M051/0019 MOD/AMD 13	Page 2 of 5
Name of Offeror or Contractor: GM GDLS DEFENSE GROUP LLC, JOINT VENTURE		

SECTION A - SUPPLEMENTAL INFORMATION

PROGRAM: Family of Stryker Armored Vehicles

1. This Modification 13 to Delivery Order 0019 under Requirements Contract DAAE07-00-D-M051 is a Priced Change Order.

2. Pursuant to FAR clause 52.246-2 Changes-Cost Reimbursement (Alternate II (Apr 1984)) (Aug 1987), contained in the contract, the Government hereby requires the contractor to perform the necessary Pre-ECO engineering, design, and initial logistics effort required to integrate two new blades (Angle Mine Plow and Straight Obstacle Blade) into the ESV mission equipment package and to generate an ECO for the change. The blades shall interface with the existing vehicle Jettison Fitting Kit. The contractor is also required to procure two blades of each configuration to support Government test.

3. The following schedule is based on a 3 November 2003 award date:

Receipt of test hardware	5 April 2004
ECO complete	30 June 2004

4. The cost for this effort is as follows:

Estimated Cost	\$1,845,272
Fixed Fee	\$ 161,461
Total Estimated Cost	\$2,006,734

5. The following language will be added to the ESV 2000.6 Performance Specification:
 - a. For the Angle Mine Plow:
 - 3.1.1.1.2.1.1.5 Angle Mine Plow. The ESV shall be integrated with an angle mine plow to provide wide area clearance of surface laid mines. Blade system minimum width of clearance must be at least 110% of width of host vehicle.
 - 3.1.1.1.2.1.1.5.1 Weight. Weight of the Angle Mine Plow shall not exceed weight handling capabilities of host vehicle.
 - 3.1.1.1.2.1.1.5.2 Installation. The Angle Mine Plow shall be capable of being mounted on host vehicle using support equipment organic to unit within 20 minutes. Mounting Interface hardware shall be installed within 40 minutes. Installation shall require no permanent modification to the host vehicle.
 - 3.1.1.1.2.1.1.5.3 Removal. The Angle Mine Plow shall be capable of being removed from host vehicle using support equipment organic to unit within 20 minutes. Blade system shall have mechanical jettison capability from inside host vehicle.
 - 3.1.1.1.2.1.1.5.4 Survivability. The Angle Mine Plow shall survive 100% of anti-personnel (AP) mine blasts (up to 0.5 kg) to include surface laid, emplaced manually, mechanically, or scattered by vehicles, tube artillery, multiple rocket launchers, or aircraft.
 - 3.1.1.1.2.1.1.5.5 Maintainability. The Angle Mine Plow shall have all special tools, equipment publications and operation/maintenance procedures provided for training and fielding of the systems.
 - 3.1.1.1.2.1.1.5.6 Mine Clearance. The Angle Mine Plow shall have a mine clearance effectiveness of 0.90 while traveling at an operating speed of 5-7 mph.
 - 3.1.1.1.2.1.1.5.7 Power Requirements. The Angle Mine Plow shall not require more power while in operation than host vehicle can provide while still maintaining operation of all other host vehicle systems.
 - 3.1.1.1.2.1.1.5.8 Human Factors. The Angle Mine Plow shall not obstruct drivers field of vision unacceptably, nor the vehicle occupants ingress/egress.
 - 3.1.1.1.2.1.1.5.9 Safety. The Angle Mine Plow shall comply with applicable safety, health and human engineering design requirements and not present any uncontrolled safety and health hazards to personnel throughout the life cycle of the system. MIL-STD-882 (System Safety) and MIL-STD-1472D (Human Engineering Criteria) apply.
 - 3.1.1.1.2.1.1.5.10 Transportation. The Angle Mine Plow shall be provided with lifting and tiedown provisions and be capable of transport when not installed on host vehicle.
 - b. For the Straight Obstacle Blade:
 - 3.1.1.1.2.3 Straight Obstacle Blade. The ESV shall be integrated with a straight obstacle blade to provide rubble reduction and to remove hastily emplaced obstacles. Blade system minimum width of clearance must be at least 110% of width of host vehicle suspension

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 3 of 5
	PIIN/SIIN DAAE07-00-D-M051/0019	MOD/AMD 13	
Name of Offeror or Contractor: GM GDLS DEFENSE GROUP LLC, JOINT VENTURE			

(track) Width.

3.1.1.1.2.3.1 Weight. Weight of the Straight Obstacle Blade shall not exceed weight handling capabilities of host vehicle.

3.1.1.1.2.3.2 Installation. The Straight Obstacle Blade shall be capable of being mounted on host vehicle using support equipment organic to unit within 20 minutes. Mounting Interface hardware shall be installed within 40 minutes. Installation shall require no permanent modification to the host vehicle.

3.1.1.1.2.3.3 Removal. The Straight Obstacle Blade shall be capable of being removed from host vehicle using support equipment organic to unit within 20 minutes. Blade system shall have mechanical jettison capability from inside host vehicle.

3.1.1.1.2.3.4 Reserved

3.1.1.1.2.3.5 Maintainability. The Straight Obstacle Blade shall have all special tools, equipment publications and operation/maintenance procedures provided for training and fielding of the systems.

3.1.1.1.2.3.6 Obstacle Removal. The Straight Obstacle Blade shall be capable of moving urban rubble (to include building debris, broken concrete, cement blocks, automobiles) and breaching earthworks limited only by the vehicle tractive effort.

3.1.1.1.2.3.7 Power Requirements. The Straight Obstacle Blade shall not require more power while in operation than host vehicle can provide while still maintaining operation of all other host vehicle systems.

3.1.1.1.2.3.8 Human Factors. The Straight Obstacle Blade shall not obstruct drivers field of vision unacceptably, nor the vehicle occupants ingress/egress.

3.1.1.1.2.3.9 Safety. The Straight Obstacle Blade shall comply with applicable safety, health and human engineering design requirements and not present any uncontrolled safety and health hazards to personnel throughout the life cycle of the system. MIL-STD-882 (System Safety) and MIL-STD-1472D (Human Engineering Criteria) apply.

3.1.1.1.2.3.10 Transportation. The Straight Obstacle Blade shall be provided with lifting and tiedown provisions and be capable of transport when not installed on host vehicle.

5. SLIN 9010AA has been established for this effort.

6. As a result of this modification 13, the total dollar amount under Deliver order 19 is increased by \$2,006,734. Except as specifically stated herein, all terms and conditions of Delivery Order 0019 remain unchanged and in full force and effect.

*** END OF NARRATIVE A 012 ***

Name of Offeror or Contractor: GM GDLS DEFENSE GROUP LLC, JOINT VENTURE

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT						
	SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS										
9010	SECURITY CLASS: Unclassified										
9010AA	<div>SERVICES LINE ITEM</div> <div>CLIN CONTRACT TYPE: Cost-Plus-Fixed-Fee NOUN: DEV (PRE ECO) NEW ESV BLADES PRON: X13GX300X1 PRON AMD: 01 ACRN: AA AMS CD: 31107180008 CLIN Added by Modification 13 (End of narrative B001) 1. Pre-ECO engineering, design, and initial logistics effort required to integrate two new blades (Angle Mine Plow and Straight Obstacle Blade) into the ESV mission equipment package and to generate an ECO for the change. 2. Procure two blades of each configuration to support Government test. Estimated Cost \$1,845,272 Fixed Fee \$ 161,461 Total Estimated Cost \$2,006,734 (End of narrative D001) <u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin <u>Deliveries or Performance</u> DLVR SCH PERF COMPL <table><tr><td><u>REL CD</u></td><td><u>QUANTITY</u></td><td><u>DATE</u></td></tr><tr><td>001</td><td>0</td><td>30-JUN-2004</td></tr></table> \$ 2,006,734.00</div>	<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>	001	0	30-JUN-2004				\$ 2,006,734.00
<u>REL CD</u>	<u>QUANTITY</u>	<u>DATE</u>									
001	0	30-JUN-2004									

Name of Offeror or Contractor: GM GDLS DEFENSE GROUP LLC, JOINT VENTURE

SECTION G - CONTRACT ADMINISTRATION DATA

LINE	PRON/ AMS CD/ ITEM MIPR	OBLG STAT/ ACRN JOB ORD NO	PRIOR AMOUNT	INCREASE/DECREASE AMOUNT	CUMULATIVE AMOUNT
9010AA	X13GX300X1 31107180008 A13P30082RX1	AA 1 3GXP02	\$ 0.00	\$ 2,006,734.00	\$ 2,006,734.00
NET CHANGE				\$ 2,006,734.00	

SERVICE NAME	NET CHANGE BY ACRN	ACCOUNTING CLASSIFICATION	ACCOUNTING STATION	INCREASE/DECREASE AMOUNT
Army	AA	21 32033000035R5R07P31107131E9 S20113	W56HZV	\$ 2,006,734.00
NET CHANGE				\$ 2,006,734.00

	PRIOR AMOUNT OF AWARD	INCREASE/DECREASE AMOUNT	CUMULATIVE OBLIG AMT
NET CHANGE FOR AWARD:	\$ 383,495,560.00	\$ 2,006,734.00	\$ 385,502,294.00